Nonionic and Organosilicone Surfactant Blend

QUARK®

PRINCIPAL FUNCTIONING AGENTS (BY WT.):
Alkylphenol ethoxylate, polyether modified polysiloxane, propylene glycol ................................................................. 99%
Constituents ineffective as spray adjuvants ..................................................................................................................................... 1%
TOTAL ............................................................................................................................................................................................. 100.00%

All ingredients are exempt from the requirement of a tolerance under 40 CFR, 180.

Quark® is a registered trademark of J.R. Simplot Company           WA Reg. No. 7001-09004

KEEP OUT OF REACH OF CHILDREN

WARNING

May be harmful if swallowed. May be harmful in contact with skin. May cause an allergic skin reaction. Causes eye irritation.

SEE BACK PANEL FOR DIRECTIONS FOR USE AND STORAGE AND DISPOSAL INFORMATION

Manufactured For:

J.R. SIMPLOT COMPANY
P.O. Box 70013, Boise, ID 83707
P.O. Box 198, Lathrop, CA 95330
(208) 336-2110
FOR AGRICULTURAL OR PROFESSIONAL USE ONLY.
NOT FOR AQUATIC USE.

GENERAL INFORMATION
Quark® is a superior nonionic wetting agent designed for water based herbicide application in agriculture, horticulture, industrial, turf and forestry operations. It is designed for fast spreading, uniform distribution and absorption of spray on leaf and stem surfaces. Quark® may be used with most pesticides and fertilizer products. Optimum application and consequent effects can be influenced by many factors. It is recommended that the spray be observed and adjuvant rates be adjusted accordingly. During application, insure thorough coverage without excessive runoff.

DIRECTIONS FOR USE
Quark® is a nonionic organosilicone wetting agent designed for use in certain agricultural and horticultural uses where a nonionic surfactant is recommended. Suggested Rates for the use with various categories of chemicals are as follows:

<table>
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<tr>
<th>Chemical Group</th>
<th>Ounces of Quark® to add per 100 gal. of spray mixture</th>
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<tbody>
<tr>
<td>Insecticides, Miticides &amp; Fungicides</td>
<td>6 - 32 oz.</td>
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<tr>
<td>Herbicides</td>
<td>12 - 64 oz.</td>
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<tr>
<td>Glyphosate formulations without added surfactants</td>
<td>12 - 64 oz.</td>
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<tr>
<td>Defoliants &amp; Desiccants</td>
<td>12 - 64 oz.</td>
</tr>
<tr>
<td>Fertilizers &amp; Micronutrients</td>
<td>4 - 32 oz.</td>
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NOTE: Carefully read and follow the specific directions contained on the label of the chemical used. Before adding Quark® to spray tank mixes or before using with a pesticide or fertilizer where a nonionic adjuvant is not specifically recommended but not prohibited by the manufacturer, the user or application advisor must have experience with the combination or must have conducted a phytotoxicity trial of their own. For local recommendations, consult a competent agricultural authority.

Aerial Application: When applying aerially, follow pesticide label directions including minimum water volume per acre. Do not substitute Quark® for water required by the pesticide label.

Irrigation Injection: Applications of Quark® through irrigation injection systems are possible provided the recommended use rates and dilutions are maintained and local, state, and federal guidelines are followed.

Quark® is also recommended for use with non-selective herbicides and other pesticides including those used to desiccate or defoliate.

Water Penetration of Hard-to-Wet Soils: For most efficient water penetration of hard-to-wet soils and the even distribution of applied moisture, use 1 pint per 100 gallons of water as a spot or area treatment.

MIXING
Spray mixing and application equipment must be cleaned according to cleaning directions on prior pesticide label before application.

To minimize and help prevent foaming, fill tank 2/3 to 3/4 full of water. Add pesticides and/or fertilizers as directed by label or in the following sequence: 1) Micronutrients and fertilizer; 2) Dry flowables and dispersible granules; 3) Flowables; 4) Water soluble pesticides; 5) Emulsifiable concentrates.

While agitating, add Quark® and mix for 1 to 2 minutes with lower than normal agitation. Continue filling tank maintaining minimal agitation. For most effective results, apply within 36 hours after mixing.

STORAGE AND DISPOSAL

STORAGE: Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rise (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at www.acrecycle.org www.acrecycle.org. Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

FOR CHEMICAL SPILL, LEAK, FIRE, OR EXPOSURE CALL CHEMTREC (800) 424-9300.

DISCLAIMER OF WARRANTIES: Seller warrants that the chemical composition of this product conforms to the chemical description given on this label. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS EXPRESSED, IMPLIED, OR STATUTORY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. Timing, rate and method of application, weather and crop conditions, mixtures with chemicals not specifically recommended on this label or an accompanying written recommendation are beyond the control of seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. Buyer further agrees in the event of damages arising from the use of this product to accept a replacement of the product or a refund of the purchase price of the product, at buyer’s option, as full discharge of seller's liability. No one is authorized to make any other warranty, guarantee or directions concerning this product, and no such warranties, guarantees or directions shall be valid or binding upon seller.